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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/Caplus and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:55:18 ON 30 MAY 2002

=> file medline biosis caplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 13:55:36 ON 30 MAY 2002

FILE 'BIOSIS' ENTERED AT 13:55:36 ON 30 MAY 2002

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FILE 'CAPLUS' ENTERED AT 13:55:36 ON 30 MAY 2002

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COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> s substance dependency

L1 73 SUBSTANCE DEPENDENCY

=> s b-endorphin

L2 215 B-ENDORPHIN

=> s drug and(alcohol or cocaine or marijauna)

L3 107128 DRUG AND(ALCOHOL OR COCAINE OR MARIJAUNA)

=> s oprml`

L4 32 OPRM1`

=> s drug use

L5 21959 DRUG USE

=> s drug addiction

L6 6281 DRUG ADDICTION

=> s alcohol and cocaine and marijauna

L7 0 ALCOHOL AND COCAINE AND MARIJAUNA

=> s alcohol or cocaine or marijauna

L8 933768 ALCOHOL OR COCAINE OR MARIJAUNA

=> s drug and (addict? or depend?)

L9 548508 DRUG AND (ADDICT? OR DEPEND?)

=> s 18 and 19

L10 23378 L8 AND L9

=> s 19 and predisp?

L11 1656 L9 AND PREDISP?

=> s 111 and 18

L12 221 L11 AND L8

=> s 112 and 12

L13 0 L12 AND L2

=> s 112 and 14

L14 0 L12 AND L4

=> s 112 and gene?

L15 123 L12 AND GENE?

=> s 115 and polym?

L16 21 L15 AND POLYM?

=> dup rem 116

PROCESSING COMPLETED FOR L16

L17 19 DUP REM L16 (2 DUPLICATES REMOVED)

=> d ti 1-19

- L17 ANSWER 1 OF 19 MEDLINE
TI **Genetic** determinants of ethanol-induced liver damage.
- L17 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Allelic and somatic variations in the endogenous opioid system of humans
- L17 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Microarray detection of **genetic** susceptibility to neurotransmitter factor dysfunctions
- L17 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Homogeneity of the biological mechanisms of individual **predispositions** to the abuse of various psychoactive substances
- L17 ANSWER 5 OF 19 MEDLINE
TI Reward deficiency syndrome: **genetic** aspects of behavioral disorders.
- L17 ANSWER 6 OF 19 MEDLINE
TI **Genetic** vulnerability to **drug** abuse.
- L17 ANSWER 7 OF 19 MEDLINE DUPLICATE 1
TI Genome **polymorphism** and alcoholism.
- L17 ANSWER 8 OF 19 MEDLINE
TI Personality traits and dopamine receptors (D2 and D4): linkage studies in families of alcoholics.
- L17 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Allelic polygene diagnosis of reward deficiency syndrome and treatment
- L17 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Human .mu.-opioid receptor **gene** and variants, **polymorphisms** and mutations thereof and their use in diagnosis and **drug** development
- L17 ANSWER 11 OF 19 MEDLINE
TI Excess dopamine D4 receptor (D4DR) exon III seven repeat allele in opioid-**dependent** subjects.
- L17 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Alleles of the D2 dopaminergic receptor **genes** and the diagnosis of susceptibility to compulsive disorders
- L17 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI **Polymorphism** of **alcohol** and aldehyde dehydrogenase **genes** and alcoholic cirrhosis in Chinese patients
- L17 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI **Genetic** association between dopamine transporter protein alleles and **cocaine**-induced paranoia
- L17 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI The role of **alcohol** and aldehyde dehydrogenases in **alcohol**-related diseases: Clinical studies of molecular markers
- L17 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI **Genetic predisposition** in alcoholism: Association of the D2 dopamine receptor TaqIB1 RFLP with severe alcoholics
- L17 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2002 ACS
TI Allelic association of the human dopamine (D2) receptor **gene** in

compulsive disorders such as alcoholism

L17 ANSWER 18 OF 19 MEDLINE DUPLICATE 2

TI [Genetically-induced variability of alcohol metabolism and its effect on drinking behavior and predisposition to alcoholism].

Genetisch bedingte Variabilitat des Alkoholstoffwechsels und ihr Einfluss auf Trinkverhalten und Neigung zum Alkoholismus.

L17 ANSWER 19 OF 19 MEDLINE

TI Variability in the effect of alcohol on alcohol metabolizing enzymes may determine relative sensitivity to alcohols: a new hypothesis.

=> d ibib 10

L17 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:543188 CAPLUS

DOCUMENT NUMBER: 129:157719

TITLE: Human .mu.-opioid receptor gene and variants, polymorphisms and mutations thereof and their use in diagnosis and drug development

INVENTOR(S): Hoehe, Margret; Wendel, Birgit

PATENT ASSIGNEE(S): Max-Delbruck-Centrum Fur Molekulare Medizin, Germany

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9833937	A2	19980806	WO 1998-DE382	19980202
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9864947	A1	19980825	AU 1998-64947	19980202
DE 19806186	A1	19981126	DE 1998-19806186	19980202
EP 970123	A2	20000112	EP 1998-910609	19980202
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRIORITY APPLN. INFO.:			DE 1997-19703925	19970203
			WO 1998-DE382	19980202

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
55.21	55.42

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 14:07:16 ON 30 MAY 2002
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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: May 24, 2002 (20020524/UP).

=> d ibib 6

YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE, CAPLUS' - CONTINUE? (Y)/N:y

L17 ANSWER 6 OF 19 MEDLINE
ACCESSION NUMBER: 2000393991 MEDLINE
DOCUMENT NUMBER: 20343038 PubMed ID: 10881207
TITLE: Genetic vulnerability to drug abuse.
AUTHOR: Duaux E; Krebs M O; Loo H; Poirier M F
CORPORATE SOURCE: Service Hospitalo-Universitaire de Sant e Mentale et Th
erapeutique, H opital Sainte-Anne, 75014 Paris, France.
SOURCE: EUROPEAN PSYCHIATRY, (2000 Mar) 15 (2) 109-14.
Journal code: DJF; 9111820. ISSN: 0924-9338.
PUB. COUNTRY: France
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200008
ENTRY DATE: Entered STN: 20000824
Last Updated on STN: 20000824
Entered Medline: 20000817

=> d ibib 7

YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE, CAPLUS' - CONTINUE? (Y)/N:y

L17 ANSWER 7 OF 19 MEDLINE DUPLICATE 1
ACCESSION NUMBER: 2001227500 MEDLINE
DOCUMENT NUMBER: 21156012 PubMed ID: 11258598
TITLE: Genome polymorphism and alcoholism.
AUTHOR: Thome J; Gewirtz J C; Weijers H G; Wiesbeck G A; Henn F A
CORPORATE SOURCE: Laboratory of Biochemistry, Central Institute of Mental
Health, Mannheim, Germany.. thome@as200.zi-mannheim.de
SOURCE: Pharmacogenomics, (2000 Feb) 1 (1) 63-71. Ref: 65
Journal code: DOS; 100897350. ISSN: 1462-2416.
PUB. COUNTRY: England; United Kingdom
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200104
ENTRY DATE: Entered STN: 20010502
Last Updated on STN: 20010502
Entered Medline: 20010426

=> d ibib 17

YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE, CAPLUS' - CONTINUE? (Y)/N:y

L17 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1991:605187 CAPLUS
DOCUMENT NUMBER: 115:205187
TITLE: Allelic association of the human dopamine (D2)
receptor gene in compulsive disorders such
as alcoholism
INVENTOR(S): Noble, E. P.; Blum, Kenneth L.; Sheridan, Peter J.

NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
 NEWS 6 Mar 08 Gene Names now available in BIOSIS
 NEWS 7 Mar 22 TOXLIT no longer available
 NEWS 8 Mar 22 TRCTHERMO no longer available
 NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS
 and USPATFULL
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 NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
 NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
 NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS 14 Apr 09 ZDB will be removed from STN
 NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
 NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
 NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
 NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
 CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
 AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:28:45 ON 30 MAY 2002

=> file medline biosis caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:29:13 ON 30 MAY 2002

FILE 'BIOSIS' ENTERED AT 14:29:13 ON 30 MAY 2002
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=> s oprml
 L1 32 OPRM1

=> d ti 1-32

L1 ANSWER 1 OF 32 MEDLINE
 TI Sequence variations in the mu-opioid receptor gene (OPRM1)
 associated with human addiction to heroin.

L1 ANSWER 2 OF 32 MEDLINE
 TI A functional polymorphism within the mu-opioid receptor gene and risk for abuse of alcohol and other substances.

L1 ANSWER 3 OF 32 MEDLINE
 TI Nonreplication of association between mu-opioid-receptor gene (OPRM1) A118G polymorphism and substance dependence.

L1 ANSWER 4 OF 32 MEDLINE
 TI Sequence variability and candidate gene analysis in complex disease: association of mu opioid receptor gene variation with substance dependence.

L1 ANSWER 5 OF 32 MEDLINE
 TI Variant detection at the delta opioid receptor (OPRD1) locus and population genetics of a novel variant affecting protein sequence.

L1 ANSWER 6 OF 32 MEDLINE
 TI Genetics of two mu opioid receptor gene (OPRM1) exon I polymorphisms: population studies, and allele frequencies in alcohol- and drug-dependent subjects.

L1 ANSWER 7 OF 32 MEDLINE
 TI Population studies of polymorphisms at loci of neuropsychiatric interest (tryptophan hydroxylase (TPH), dopamine transporter protein (SLC6A3), D3 dopamine receptor (DRD3), apolipoprotein E (APOE), mu opioid receptor (OPRM1), and ciliary neurotrophic factor (CNTF)).

L1 ANSWER 8 OF 32 MEDLINE
 TI Association of alcohol or other drug dependence with alleles of the mu opioid receptor gene (OPRM1).

L1 ANSWER 9 OF 32 MEDLINE
 TI Mu opioid receptor gene variants: lack of association with alcohol dependence.

L1 ANSWER 10 OF 32 MEDLINE
 TI Linkage assignment of eleven genes to the porcine genome.

L1 ANSWER 11 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI A functional polymorphism within the mu-opioid receptor gene and risk for abuse of alcohol and other substances.

L1 ANSWER 12 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Evaluation of single nucleotide polymorphisms in delta and mu opioid receptors (OPR) in human subjects phenotyped for sensitivity to painful thermal stimulation.

L1 ANSWER 13 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Association of mu-opioid receptor and delta-opioid receptor gene variation with drug abuse in different populations.

L1 ANSWER 14 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Sequence variability and candidate gene analysis in complex disease: Association of mu opioid receptor gene variation with substance dependence.

L1 ANSWER 15 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI mu-Opioid and delta-opioid receptor gene polymorphisms and heroin dependence in a Chinese population.

L1 ANSWER 16 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Nonreplication of association between mu-opioid-receptor gene (

OPRM1) A118G polymorphism and substance dependence.

- L1 ANSWER 17 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Variant detection at the delta opioid receptor (OPRD1) locus and population genetics of a novel variant affecting protein sequence.
- L1 ANSWER 18 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI The mu-opioid receptor gene (**OPRM1**) and heroin dependence in a Chinese population.
- L1 ANSWER 19 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Genetics of two mu opioid receptor gene (**OPRM1**) exon 1 polymorphisms: Population studies, and allele frequencies in alcohol- and drug-dependent subjects.
- L1 ANSWER 20 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Population studies of polymorphisms at loci of neuropsychiatric interest (tryptophan hydroxylase (TPH), dopamine transporter protein (SLC6A3), D3 dopamine receptor (DRD3), apolipoprotein E (APOE), mu opioid receptor (**OPRM1**), and ciliary neurotrophic factor (CNTF).
- L1 ANSWER 21 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Association of alcohol or other drug dependence with alleles of the mu opioid receptor gene (**OPRM1**).
- L1 ANSWER 22 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI mu Opioid receptor (**OPRM1**) variants: Lack of association with alcohol and drug dependence.
- L1 ANSWER 23 OF 32 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Linkage assignment of eleven genes to the porcine genome.
- L1 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Sequence variations in the Mu-opioid receptor gene (**OPRM1**) associated with human addiction to heroin
- L1 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI A functional polymorphism within the .mu.-opioid receptor gene and risk for abuse of alcohol and other substances
- L1 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Method and assay for diagnosing substance dependency
- L1 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Sequence variability and candidate gene analysis in complex disease: association of .mu. opioid receptor gene variation with substance dependence
- L1 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Genetics of two .mu. opioid receptor gene (**OPRM1**) exon I polymorphisms: Population studies, and allele frequencies in alcohol- and drug-dependent subjects
- L1 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Variant detection at the .delta. opioid receptor (OPRD1) locus and population genetics of a novel variant affecting protein sequence
- L1 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2002 ACS
TI Population studies of polymorphisms at loci of neuropsychiatric interest (tryptophan hydroxylase (TPH), dopamine transporter protein (SLC6A3), D3 dopamine receptor (DRD3), apolipoprotein E (APOE), .mu. opioid receptor (**OPRM1**), and ciliary neurotrophic factor (CNTF))
- L1 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2002 ACS

TI Association of alcohol or other drug dependence with alleles of the .mu.
opioid receptor gene (OPRM1)

L1 ANSWER 32 OF 32 CAPLUS COPYRIGHT 2002 ACS

TI Linkage assignment of eleven genes to the porcine genome

=> s l1 and 118

L2 3 L1 AND 118

=> d ti 1-3

L2 ANSWER 1 OF 3 MEDLINE

TI A functional polymorphism within the mu-opioid receptor gene and risk for
abuse of alcohol and other substances.

L2 ANSWER 2 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI A functional polymorphism within the mu-opioid receptor gene and risk for
abuse of alcohol and other substances.

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

TI A functional polymorphism within the .mu.-opioid receptor gene and risk
for abuse of alcohol and other substances

=> d ibib1

'IBIB1' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d ibib 1

'D' IS NOT A VALID FORMAT

'1' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):filedefault

L2 ANSWER 1 OF 3 MEDLINE

AN 2002140749 MEDLINE

DN 21829307 PubMed ID: 11840318

TI A functional polymorphism within the mu-opioid receptor gene and risk for
abuse of alcohol and other substances.

AU Schinka J A; Town T; Abdullah L; Crawford F C; Ordorica P I; Francis E;
Hughes P; Graves A B; Mortimer J A; Mullan M

CS The Roskamp Institute, University of South Florida, Tampa, FL 33620, USA..
jschinka@com1.med.usf.edu

SO MOLECULAR PSYCHIATRY, (2002) 7 (2) 224-8.

Journal code: 9607835. ISSN: 1359-4184.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200205

ED Entered STN: 20020307

Last Updated on STN: 20020515

Entered Medline: 20020514

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

7.85

8.06

FILE 'STNGUIDE' ENTERED AT 14:31:11 ON 30 MAY 2002
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 24, 2002 (20020524/UP).

=> s ll and marker
0 OPRM1
0 MARKER
L3 0 L1 AND MARKER

=> file medline biosis caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.18	8.24

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:32:55 ON 30 MAY 2002

FILE 'BIOSIS' ENTERED AT 14:32:55 ON 30 MAY 2002
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=> s ll and marker
L4 8 L1 AND MARKER

=> d ti 1-8

L4 ANSWER 1 OF 8 MEDLINE
TI Sequence variations in the mu-opioid receptor gene (OPRM1)
associated with human addiction to heroin.

L4 ANSWER 2 OF 8 MEDLINE
TI Genetics of two mu opioid receptor gene (OPRM1) exon I
polymorphisms: population studies, and allele frequencies in alcohol- and
drug-dependent subjects.

L4 ANSWER 3 OF 8 MEDLINE
TI Linkage assignment of eleven genes to the porcine genome.

L4 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Association of mu-opioid receptor and delta-opioid receptor gene variation
with drug abuse in different populations.

L4 ANSWER 5 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Genetics of two mu opioid receptor gene (OPRM1) exon 1
polymorphisms: Population studies, and allele frequencies in alcohol- and
drug-dependent subjects.

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS
TI Sequence variations in the Mu-opioid receptor gene (OPRM1)
associated with human addiction to heroin

L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS
TI Method and assay for diagnosing substance dependency

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS

TI Genetics of two .mu. opioid receptor gene (**OPRM1**) exon I
polymorphisms: Population studies, and allele frequencies in alcohol- and
drug-dependent subjects

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 6 DUP REM L4 (2 DUPLICATES REMOVED)

=> d ti 1-6

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Method and assay for diagnosing substance dependency

L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Sequence variations in the Mu-opioid receptor gene (**OPRM1**)
associated with human addiction to heroin

L5 ANSWER 3 OF 6 MEDLINE

TI Sequence variations in the mu-opioid receptor gene (**OPRM1**)
associated with human addiction to heroin.

L5 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Association of mu-opioid receptor and delta-opioid receptor gene variation
with drug abuse in different populations.

L5 ANSWER 5 OF 6 MEDLINE

DUPLICATE 1

TI Genetics of two mu opioid receptor gene (**OPRM1**) exon I
polymorphisms: population studies, and allele frequencies in alcohol- and
drug-dependent subjects.

L5 ANSWER 6 OF 6 MEDLINE

TI Linkage assignment of eleven genes to the porcine genome.

=> d ibib 1-6

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:51932 CAPLUS

DOCUMENT NUMBER: 136:65188

TITLE: Method and assay for diagnosing substance dependency

INVENTOR(S): Town, Terence C.; Abdullah, Laila; Mullan, Michael;
Schinka, John Andrew

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 11 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002006624	A1	20020117	US 2001-898566	20010702
PRIORITY APPLN. INFO.:			US 2000-215506P	P 20000630

L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:369438 CAPLUS

TITLE: Sequence variations in the Mu-opioid receptor gene (**OPRM1**) associated with human addiction to
heroin

AUTHOR(S): Shi, Jinxiu; Hui, Lijian; Xu, Yonghai; Wang, Feng;
Huang, Wei; Hu, Gengxi

CORPORATE SOURCE: Institute of Biochemistry and Cell Biology, Chinese

Academy of Sciences, Shanghai, 200031, Peop. Rep. China

SOURCE: Human Mutation (2002), 19(4), 497/1-497/6
CODEN: HUMUE3; ISSN: 1059-7794

PUBLISHER: Wiley-Liss, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 3 OF 6 MEDLINE

ACCESSION NUMBER: 2002199484 IN-PROCESS

DOCUMENT NUMBER: 21929815 PubMed ID: 11933204

TITLE: Sequence variations in the mu-opioid receptor gene (**OPRM1**) associated with human addiction to heroin.

AUTHOR: Shi Jinxiu; Hui Lijian; Xu Yonghai; Wang Feng; Huang Wei; Hu Gengxi

CORPORATE SOURCE: Institute of Biochemistry and Cell Biology, Chinese Academy of Sciences, Shanghai, China.

SOURCE: HUMAN MUTATION, (2002 Apr) 19 (4) 459-60.
Journal code: 9215429. ISSN: 1098-1004.

PUB. COUNTRY: United States

LANGUAGE: English

FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals

ENTRY DATE: Entered STN: 20020405
Last Updated on STN: 20020405

L5 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2001:486915 BIOSIS

DOCUMENT NUMBER: PREV200100486915

TITLE: Association of mu-opioid receptor and delta-opioid receptor gene variation with drug abuse in different populations.

AUTHOR(S): Ferro, E. F. (1); Xu, K. (1); Mangal, W. (1); Nagarajan, S. (1); Goldman, D. (1)

CORPORATE SOURCE: (1) Lab of Neurogenetics, NIH/NIAAA, Rockville, MD USA

SOURCE: Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 91. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295.

DOCUMENT TYPE: Conference

LANGUAGE: English

SUMMARY LANGUAGE: English

L5 ANSWER 5 OF 6 MEDLINE DUPLICATE 1

ACCESSION NUMBER: 1999455119 MEDLINE

DOCUMENT NUMBER: 99455119 PubMed ID: 10523821

TITLE: Genetics of two mu opioid receptor gene (**OPRM1**) exon I polymorphisms: population studies, and allele frequencies in alcohol- and drug-dependent subjects.

AUTHOR: Gelernter J; Kranzler H; Cubells J

CORPORATE SOURCE: Yale University School of Medicine, Department of Psychiatry, Division of Molecular Psychiatry and VA Connecticut Healthcare System, West Haven Campus, Department of Psychiatry, USA.. gelernter-joel@cs.yale.edu

CONTRACT NUMBER: K02-MH01387 (NIMH)
P30-MH30929 (NIMH)
R01-AA11330 (NIAAA)
+

SOURCE: MOLECULAR PSYCHIATRY, (1999 Sep) 4 (5) 476-83.
Journal code: CUM; 9607835. ISSN: 1359-4184.

PUB. COUNTRY: ENGLAND: United Kingdom

LANGUAGE: English

Journal; Article; (JOURNAL ARTICLE)

FILE SEGMENT: Priority Journals
ENTRY MONTH: 199912
ENTRY DATE: Entered STN: 20000113
Last Updated on STN: 20000113
Entered Medline: 19991210

L5 ANSWER 6 OF 6 MEDLINE
ACCESSION NUMBER: 97398490 MEDLINE
DOCUMENT NUMBER: 97398490 PubMed ID: 9250860
TITLE: Linkage assignment of eleven genes to the porcine genome.
AUTHOR: Hu Z; Rohrer G A; Stone R T; Rutherford M; Osinski M A;
Pampusch M S; Murtaugh M P; Brown D R; Beattie C W
CORPORATE SOURCE: U.S. Department of Agriculture, ARS, U.S. Meat Animal
Research Center (MARC), Spur 18 D, P.O. Box 166, Clay
Center, Nebraska 68933-0166, USA.
SOURCE: MAMMALIAN GENOME, (1997 Aug) 8 (8) 559-63.
Journal code: BES; 9100916. ISSN: 0938-8990.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19970926
Last Updated on STN: 19970926
Entered Medline: 19970912

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
9.00	17.24

FULL ESTIMATED COST

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 24, 2002 (20020524/UP).

=> d hist full

(FILE 'HOME' ENTERED AT 14:28:45 ON 30 MAY 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 14:29:13 ON 30 MAY 2002
L1 32 SEA ABB=ON PLU=ON OPRM1
D TI 1-32
L2 3 SEA ABB=ON PLU=ON L1 AND 118
D TI 1-3
D IBIB1

FILE 'STNGUIDE' ENTERED AT 14:31:11 ON 30 MAY 2002
L3 0 SEA ABB=ON PLU=ON L1 AND MARKER

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 14:32:55 ON 30 MAY 2002
L4 8 SEA ABB=ON PLU=ON L1 AND MARKER
D TI 1-8
L5 6 DUP REM L4 (2 DUPLICATES REMOVED)
D TI 1-6
D IBIB 1-6

FILE 'STNGUIDE' ENTERED AT 14:35:26 ON 30 MAY 2002

FILE HOME

FILE MEDLINE

FILE LAST UPDATED: 29 MAY 2002 (20020529/UP). FILE COVERS 1958 TO DATE.

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MEDLINE now contains IN-PROCESS records. See HELP CONTENT for details.

MEDLINE is now updated 4 times per week. A new current-awareness alert frequency (EVERYUPDATE) is available. See HELP UPDATE for more informati

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1958 through 1965. Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE SUBSTANCE IDENTIFICATION.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 29 May 2002 (20020529/ED)

FILE CAPLUS

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FILE COVERS 1907 - 30 May 2002 VOL 136 ISS 22

FILE LAST UPDATED: 29 May 2002 (20020529/ED)

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FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: May 24, 2002 (20020524/UP).

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.60	17.84

STN INTERNATIONAL LOGOFF AT 14:41:31 ON 30 MAY 2002

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal634sxs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08	Gene Names now available in BIOSIS
NEWS 7 Mar 22	TOXLIT no longer available
NEWS 8 Mar 22	TRCTHERMO no longer available
NEWS 9 Mar 28	US Provisional Priorities searched with P in CA/Caplus and USPATFULL
NEWS 10 Mar 28	LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02	PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08	"Ask CAS" for self-help around the clock
NEWS 13 Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09	ZDB will be removed from STN
NEWS 15 Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS EXPRESS	February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:14:18 ON 30 MAY 2002

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:14:32 ON 30 MAY 2002
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STRUCTURE FILE UPDATES: 29 MAY 2002 HIGHEST RN 423115-51-9
DICTIONARY FILE UPDATES: 29 MAY 2002 HIGHEST RN 423115-51-9

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNnote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s oprml
L1 0 OPRM1

=> file medline
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
4.38	4.59

FILE 'MEDLINE' ENTERED AT 15:14:55 ON 30 MAY 2002

FILE LAST UPDATED: 29 MAY 2002 (20020529/UP). FILE COVERS 1958 TO DATE.

On April 22, 2001, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE now contains IN-PROCESS records. See HELP CONTENT for details.

MEDLINE is now updated 4 times per week. A new current-awareness alert
frequency (EVERYUPDATE) is available. See HELP UPDATE for more information.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the
MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1958 through 1965.
Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in the
Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE
SUBSTANCE IDENTIFICATION.

=> s oprml
L2 10 OPRM1

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.38	4.97

FILE 'CAPLUS' ENTERED AT 15:15:10 ON 30 MAY 2002
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FILE COVERS 1907 - 30 May 2002 VOL 136 ISS 22
FILE LAST UPDATED: 29 May 2002 (20020529/ED)

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=> s oprml
L3 9 OPRM1

=> ind
AT LEAST TWO FILES ARE NEEDED FOR STNINDEX
SESSION CONTINUES IN THE PREVIOUS FILE ENVIRONMENT
To see a list of files and clusters that may be used in the INDEX command, enter HELP FILE NAMES or HELP CLUSTER NAMES at an arrow prompt. Only the learning files and NBSFLUIDS may not be used in STNINDEX.

=> d ind l3

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2002 ACS
CC 14 (Mammalian Pathological Biochemistry)

=> d ti 1-9

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2002 ACS
TI Sequence variations in the Mu-opioid receptor gene (OPRM1)
associated with human addiction to heroin

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS
TI A functional polymorphism within the .mu.-opioid receptor gene and risk for abuse of alcohol and other substances

L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Method and assay for diagnosing substance dependency

L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Sequence variability and candidate gene analysis in complex disease: association of .mu. opioid receptor gene variation with substance dependence

L3 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Genetics of two .mu. opioid receptor gene (OPRM1) exon I polymorphisms: Population studies, and allele frequencies in alcohol- and drug-dependent subjects

L3 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Variant detection at the .delta. opioid receptor (OPRD1) locus and population genetics of a novel variant affecting protein sequence

L3 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Population studies of polymorphisms at loci of neuropsychiatric interest (tryptophan hydroxylase (TPH), dopamine transporter protein (SLC6A3), D3 dopamine receptor (DRD3), apolipoprotein E (APOE), .mu. opioid receptor (OPRM1), and ciliary neurotrophic factor (CNTF))

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Association of alcohol or other drug dependence with alleles of the .mu. opioid receptor gene (OPRM1)

L3 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2002 ACS
 TI Linkage assignment of eleven genes to the porcine genome

=> d ind 8

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS
 CC 4-7 (Toxicology)
 Section cross-reference(s): 1, 3
 ST opioid receptor gene OPRM1 alcoholism drug dependence
 IT Gene, animal
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
 (OPRM1; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT Alcoholism
 Alleles
 Drugs of abuse
 Genetic polymorphism
 (assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT Opioids
 RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (dependence; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT Repetitive DNA
 RL: ADV (Adverse effect, including toxicity); BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
 (dinucleotide, polymorphic (CA)_n repeat; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT Neurotransmission

(opioidergic; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT Opioid receptors
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (.mu.-opioid; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

IT 50-36-2, Cocaine 64-17-5, Ethanol, biological studies
 RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
 (dependence; assocn. of alc. or other drug dependence with alleles of .mu. opioid receptor gene (OPRM1) in Caucasian and African-American humans)

=> d ibib 8

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:637542 CAPLUS
 DOCUMENT NUMBER: 130:48613
 TITLE: Association of alcohol or other drug dependence with alleles of the .mu. opioid receptor gene (OPRM1)
 AUTHOR(S): Kranzler, Henry R.; Gelernter, Joel; O'Malley, Stephanie; Hernandez-Avila, Carlos A.; Kaufman, Daniel
 CORPORATE SOURCE: Alcohol Research Center, Department of Psychiatry, University of Connecticut Health Center, Farmington, CT, 06030, USA
 SOURCE: Alcoholism: Clinical and Experimental Research (1998), 22(6), 1359-1362
 CODEN: ACRSDM; ISSN: 0145-6008
 PUBLISHER: Williams & Wilkins
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ab 8

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS
 AB Opioidergic neurotransmission and, specifically, the .mu. opioid receptor have been implicated in the reinforcing effects of a variety of drugs of abuse. Consequently, the present study examd. the assocn. of a polymorphic (CA)_n repeat at the OPRM1 locus (the gene coding for the .mu. opioid receptor) to alc. or drug dependence n 320 Caucasian and 108 African-American substance-dependent or control subjects. Among Caucasians, suggestion of a modest assocn., which could be interpreted as statistically significant, was obsd. between OPRM1 alleles and substance (alc., cocaine, or opioid) dependence. Anal. by specific substance showed only a trend level assocn. to alc. dependence. Comparisons among African Americans yielded no evidence for assocn. Further studies of the assocn. between alleles of the OPRM1 gene and substance dependence appear warranted, particularly if they use a family-based approach to control for population stratification. Phenotypes other than a broad diagnostic categorization, such as opioid antagonist effects on drinking behavior in alcoholics, may provide more consistent evidence of a role for OPRM1 in behavioral variability.

=> FIL STNGUIDE
 COST IN U.S. DOLLARS

SINCE FILE TOTAL
 ENTRY SESSION

FULL ESTIMATED COST	12.18	17.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.62	-0.62

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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: May 24, 2002 (20020524/UP).

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.12	17.27
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

STN INTERNATIONAL LOGOFF AT 15:23:51 ON 30 MAY 2002